

Notice of Allowability

Application No.

10/072,376

Applicant(s)

WENDEL, CHRIS J.

Examiner

Art Unit

Houshang Safaipoor

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an amendment filed on 8/23/2006.
2. ☒ The allowed claim(s) is/are 1-5 and 12-23.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 7/28/06
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date ____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

JEROME GRANT II
PRIMARY EXAMINER

DETAILED ACTION

Reasons for Allowance

Claims 6-11 are cancelled.

Claims 1-5, 12, 13-16 and 17-23 are allowed.

Claims 1-5 are allowed for the reason that the prior art does not teach in claimed combination a lighting assembly for a camera positioned adjacent a paper substrate of a printing press comprising: "...camera mounted within said housing; a light source mounted within said housing; and two mirrors positioned within the housing and positioned symmetrically with respect to a plane that is perpendicular to the paper substrate of the printing press to direct light in two distinct paths that remain separate from the same light source to the paper substrate to provide uniform illumination of a portion of the paper substrate using a single light source, wherein light is reflected from that portion of the paper substrate to the camera."

Claims 12 and 13-16 are allowed for the reason that the prior art does not teach in claimed combination a lighting assembly for a camera positioned adjacent a paper substrate of a printing press comprising: "a single strobe light source; and two mirrors positioned adjacent the same light source, equidistant to a first plane defined by a surface of the paper substrate and symmetrical with respect to a second plane that is perpendicular to the paper substrate and that passes through the single light source without passing through the two mirrors to direct light in two distinct paths of equal length of uniform illumination from the same light source to the paper substrate to provide uniform illumination of a portion of the paper substrate using a single light source, wherein light is then reflected from that portion of the paper substrate to a camera."

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Claims 17-23 are allowed for the reason that the prior art does not teach in claimed combination a lighting assembly for a camera positioned adjacent a paper substrate of a printing press comprising: "... a method for creating dual light paths of uniform illumination directed toward a paper substrate of a printing press, said method comprising:

supplying a single light source; and positioning at least two mirrors adjacent said single light source and symmetrically with respect to a plane that is perpendicular to the paper substrate of the printing press and passes through said single light source, such that the at least two mirrors are positioned on opposite sides of the plane and light from said single light source is split into dual light paths of equal length of uniform, non-collimated illumination and directed toward the substrate by said mirrors to provide uniform illumination of a portion of the paper substrate, wherein light is then reflected from that portion of the paper substrate to a camera.

The features identified, in combination with other claim limitations, are neither suggested nor discussed by the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


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Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Houshang Safaipoor whose telephone number is (571)272-7412. The examiner can normally be reached on Mon.-Fri. from 6:00am to 2:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Moore can be reached on (571)272-7437. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

 Houshang Safaipoor
Patent Examiner
September 28, 2006


JEROME GRANT II
PRIMARY EXAMINER